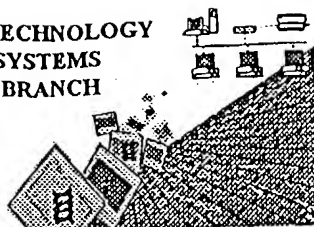


BIOTECHNOLOGY  
SYSTEMS  
BRANCH



**RAW SEQUENCE LISTING**  
**ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/709,691  
Source: 12/FWD  
Date Processed by STIC: 12/6/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

~~TO REDUCE~~ ERRORED SEQUENCE LISTINGS; PLEASE USE THE CHECKER  
VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box-1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby,  
Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFWO

## RAW SEQUENCE LISTING

DATE: 12/06/2004

PATENT APPLICATION: US/10/709,691

TIME: 21:52:03

Input Set : N:\LMOORE\SEQ\_LIST.amended.txt

Output Set: N:\CRF4\11302004\J709691.raw

3 <110> APPLICANT: ROSETTA GENOMICS LTD  
 5 <120> TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL  
 REGULATORY BACTERIAL  
 6 AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF  
 8 <130> FILE REFERENCE: 50013  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/709,691  
 C--> 10 <141> CURRENT FILING DATE: 2004-05-24  
 10 <160> NUMBER OF SEQ ID NOS: 4254670  
 12 <170> SOFTWARE: PatentIn version 3.2

## ERRORED SEQUENCES

5229815 <210> SEQ ID NO: 581090  
 5229816 <211> LENGTH: 21  
 5229817 <212> TYPE: RNA  
 5229818 <213> ORGANISM: Escherichia coli CFT073  
 5229820 <400> SEQUENCE: 581090  
 E--> 5229821 *see p.6 for error explanation*  
 agucucan~~ga~~ gugaacacgu a 21  
 5232146 <210> SEQ ID NO: 581349  
 5232147 <211> LENGTH: 18  
 5232148 <212> TYPE: RNA  
 5232149 <213> ORGANISM: Escherichia coli CFT073  
 5232151 <400> SEQUENCE: 581349  
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 5269780 <400> SEQUENCE: 585530  
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 5286596 <210> SEQ ID NO: 587399  
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 5286599 <213> ORGANISM: Escherichia coli CFT073  
 5286601 <400> SEQUENCE: 587399  
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 5379782 <210> SEQ ID NO: 597753  
 5379783 <211> LENGTH: 23  
 5379784 <212> TYPE: RNA

Does Not Comply  
 Corrected Diskette Needed

5379785 <213> ORGANISM: Escherichia coli CFT073

5379787 <400> SEQUENCE: 597753

E--> 5379788 P.6

agcuaucg ugccuacaca uua

23

5406962 <210> SEQ ID NO: 600773

## RAW SEQUENCE LISTING

DATE: 12/06/2004

PATENT APPLICATION: US/10/709,691

TIME: 21:55:16

Input Set : N:\LMOORE\SEQ\_LIST.amended.txt

Output Set: N:\CRF4\11302004\J709691.raw

5406963 &lt;211&gt; LENGTH: 23

5406964 &lt;212&gt; TYPE: RNA

5406965 &lt;213&gt; ORGANISM: Escherichia coli CFT073

5406967 &lt;400&gt; SEQUENCE: 600773

E--&gt; 5406968

ccgaugcgca agcuuauucg ugc *same error*

23

5461898 &lt;210&gt; SEQ ID NO: 606877

5461899 &lt;211&gt; LENGTH: 21

5461900 &lt;212&gt; TYPE: RNA

5461901 &lt;213&gt; ORGANISM: Escherichia coli CFT073

5461903 &lt;400&gt; SEQUENCE: 606877

E--&gt; 5461904

caagucucan gagugaacac g *same*

21

5493443 &lt;210&gt; SEQ ID NO: 610382

5493444 &lt;211&gt; LENGTH: 18

5493445 &lt;212&gt; TYPE: RNA

5493446 &lt;213&gt; ORGANISM: Escherichia coli CFT073

5493448 &lt;400&gt; SEQUENCE: 610382

E--&gt; 5493449

gcanuauucgu cuggcgcg *same*

18

5524835 &lt;210&gt; SEQ ID NO: 613870

5524836 &lt;211&gt; LENGTH: 21

5524837 &lt;212&gt; TYPE: RNA

5524838 &lt;213&gt; ORGANISM: Escherichia coli CFT073

5524840 &lt;400&gt; SEQUENCE: 613870

E--&gt; 5524841

guagcungca ggauaaacgc c *same*

21

5637191 &lt;210&gt; SEQ ID NO: 626354

5637192 &lt;211&gt; LENGTH: 20

5637193 &lt;212&gt; TYPE: RNA

5637194 &lt;213&gt; ORGANISM: Escherichia coli CFT073

5637196 &lt;400&gt; SEQUENCE: 626354

E--&gt; 5637197

cacgauaang cuugcgcauc *same*

20

5685809 &lt;210&gt; SEQ ID NO: 631756

5685810 &lt;211&gt; LENGTH: 18

5685811 &lt;212&gt; TYPE: RNA

5685812 &lt;213&gt; ORGANISM: Escherichia coli CFT073

5685814 &lt;400&gt; SEQUENCE: 631756

E--&gt; 5685815

aagucucan agugaaca *same*

18

5725265 &lt;210&gt; SEQ ID NO: 636140

5725266 &lt;211&gt; LENGTH: 23

5725267 &lt;212&gt; TYPE: RNA

5725268 &lt;213&gt; ORGANISM: Escherichia coli CFT073

5725270 &lt;400&gt; SEQUENCE: 636140

E--&gt; 5725271

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23

5800964 &lt;210&gt; SEQ ID NO: 644551

5800965 &lt;211&gt; LENGTH: 17

5800966 &lt;212&gt; TYPE: RNA

5800967 &lt;213&gt; ORGANISM: Escherichia coli CFT073

5800969 &lt;400&gt; SEQUENCE: 644551

E--> 5800970

gguagcungc agga<sup>u</sup>aa

*same*

17

5836100 <210> SEQ ID NO: 648455

5836101 <211> LENGTH: 19

## RAW SEQUENCE LISTING

DATE: 12/06/2004

PATENT APPLICATION: US/10/709,691

TIME: 21:55:33

Input Set : N:\LMOORE\SEQ\_LIST.amended.txt

Output Set: N:\CRF4\11302004\J709691.raw

5836102 <212> TYPE: RNA  
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 5847152 <210> SEQ ID NO: 649683  
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 5847154 <212> TYPE: RNA  
 5847155 <213> ORGANISM: Escherichia coli CFT073  
 5847157 <400> SEQUENCE: 649683  
 E--> 5847158  
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 5954712 <211> LENGTH: 22  
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 5954714 <213> ORGANISM: Escherichia coli CFT073  
 5954716 <400> SEQUENCE: 661634  
 E--> 5954717  
 aagga<sup>o</sup>uuu agcgau<sup>o</sup>cugu uc *same* 22  
 5981504 <210> SEQ ID NO: 664611  
 5981505 <211> LENGTH: 23  
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 5981507 <213> ORGANISM: Escherichia coli CFT073  
 5981509 <400> SEQUENCE: 664611  
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 auaccaaguc uca<sup>o</sup>agaguga aca *same* 23  
 6072917 <210> SEQ ID NO: 674768  
 6072918 <211> LENGTH: 21  
 6072919 <212> TYPE: RNA  
 6072920 <213> ORGANISM: Haemophilus influenzae Rd  
 6072922 <400> SEQUENCE: 674768  
 E--> 6072923  
 ggauuaauag <sup>o</sup>naaaaauuua g *same* 21  
 6130157 <210> SEQ ID NO: 681128  
 6130158 <211> LENGTH: 22  
 6130159 <212> TYPE: RNA  
 6130160 <213> ORGANISM: Haemophilus influenzae Rd  
 6130162 <400> SEQUENCE: 681128  
 E--> 6130163  
 uugagcgguu ugn<sup>o</sup>ucugucg cu *same* 22  
 6165122 <210> SEQ ID NO: 685013  
 6165123 <211> LENGTH: 17  
 6165124 <212> TYPE: RNA  
 6165125 <213> ORGANISM: Haemophilus influenzae Rd  
 6165127 <400> SEQUENCE: 685013  
 E--> 6165128  
 uaauag<sup>o</sup>naaa aaauuag 17

**IMPORTANT**

The types of errors shown exist throughout  
 the Sequence Listing. Please check subsequent  
 sequences for similar errors.

*Py I*  
 //

## VARIABLE LOCATION SUMMARY

DATE: 12/06/2004

PATENT APPLICATION: US/10/709,691

TIME: 22:21:15

Input Set : N:\LMOORE\SEQ\_LIST.amended.txt

Output Set: N:\CRF4\11302004\J709691.raw

*no explanation*  
Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of &lt;220&gt; to &lt;223&gt; is MANDATORY if n's or Xaa's are present.

in &lt;220&gt; to &lt;223&gt; section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:581090; N Pos. 8  
Seq#:581349; N Pos. 5  
Seq#:585530; N Pos. 5  
Seq#:587399; N Pos. 7  
Seq#:597753; N Pos. 4  
Seq#:600773; N Pos. 14  
Seq#:606877; N Pos. 10  
Seq#:610382; N Pos. 4  
Seq#:613870; N Pos. 7  
Seq#:626354; N Pos. 9  
Seq#:631756; N Pos. 9  
Seq#:636140; N Pos. 6  
Seq#:644551; N Pos. 8  
Seq#:648455; N Pos. 10  
Seq#:649683; N Pos. 8  
Seq#:661634; N Pos. 6  
Seq#:664611; N Pos. 14  
Seq#:674768; N Pos. 11  
Seq#:681128; N Pos. 13  
Seq#:685013; N Pos. 7  
Seq#:690805; N Pos. 6,7,8  
Seq#:696095; N Pos. 9  
Seq#:699828; N Pos. 7  
Seq#:703192; N Pos. 6  
Seq#:703378; N Pos. 9,10,11  
Seq#:705348; N Pos. 6  
Seq#:705349; N Pos. 6  
Seq#:722043; N Pos. 8  
Seq#:724610; N Pos. 5  
Seq#:726411; N Pos. 7,11  
Seq#:1737726; N Pos. 11  
Seq#:1748534; N Pos. 5  
Seq#:1796784; N Pos. 9  
Seq#:2595042; N Pos. 5  
Seq#:2598160; N Pos. 9  
Seq#:2598622; N Pos. 6  
Seq#:2608215; N Pos. 7  
Seq#:2608216; N Pos. 7  
Seq#:2609367; N Pos. 8  
Seq#:2617753; N Pos. 10  
Seq#:2620153; N Pos. 8  
Seq#:2626217; N Pos. 4  
Seq#:2634727; N Pos. 14

VARIABLE LOCATION SUMMARY

PATENT APPLICATION: US/10/709,691

DATE: 12/06/2004

TIME: 22:21:15

Input Set : N:\LMOORE\SEQ\_LIST.amended.txt

Output Set: N:\CRF4\11302004\J709691.raw

Seq#:2642241; N Pos. 8  
Seq#:2642622; N Pos. 14  
Seq#:2644555; N Pos. 10  
Seq#:2650025; N Pos. 5  
Seq#:2652637; N Pos. 4  
Seq#:2680917; N Pos. 6  
Seq#:2680981; N Pos. 9  
Seq#:2695185; N Pos. 6



## VERIFICATION SUMMARY

DATE: 12/06/2004

PATENT APPLICATION: US/10/709,691

TIME: 22:21:15

Input Set : N:\LMOORE\SEQ\_LIST.amended.txt

Output Set: N:\CRF4\11302004\J709691.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:5229821 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:581090  
L:5232152 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:581349  
L:5269781 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:585530  
L:5286602 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:587399  
L:5379788 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:597753  
L:5406968 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:600773  
L:5461904 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:606877  
L:5493449 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:610382  
L:5524841 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:613870  
L:5637197 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:626354  
L:5685815 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:631756  
L:5725271 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:636140  
L:5800970 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:644551  
L:5836106 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:648455  
L:5847158 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:649683  
L:5954717 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:661634  
L:5981510 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:664611  
L:6072923 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:674768  
L:6130163 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:681128  
L:6165128 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:685013  
L:6217256 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:690805  
L:6264866 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:696095  
L:6298463 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:699828  
L:6328739 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:703192  
L:6330413 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:703378  
L:6348143 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:705348  
L:6348152 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:705349  
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L:6521501 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:724610  
L:6537710 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:726411  
L:15639545 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:1737726  
L:15736817 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:1748534  
L:16171067 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:1796784  
L:23355389 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2595042  
L:23383451 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2598160  
L:23387609 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2598622  
L:23473946 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2608215  
L:23473955 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2608216  
L:23484314 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2609367  
L:23559788 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2617753  
L:23581388 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2620153  
L:23635964 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2626217  
L:23712554 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2634727  
L:23780180 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2642241  
L:23783609 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2642622  
L:23801006 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2644555

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/709,691

DATE: 12/06/2004

TIME: 22:21:15

Input Set : N:\LMOORE\SEQ\_LIST.amended.txt

Output Set: N:\CRF4\11302004\J709691.raw

L:23850236 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2650025  
L:23873744 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2652637  
L:24128264 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2680917  
L:24128840 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:2680981